**WHAT IS CLAIMED IS:**

1. A method for manufacturing a clutch suction disk for an air compressor of a vehicle air conditioner, comprising the steps of:

punching a solid round cylindrical steel bar so that the steel bar to be shorted;

forming a recess in an axial central portion of the shortened steel cylinder by cool forge;

expanding a bottom of the steel bar as a disk which expands out of a lower end of the flattened steel cylinder;

folding an outer side of the disk upwards to form an outer cylinder which encloses the flattened steel cylinder by a further cool-forge process;

punching a bottom of the recess so that the bottom descends downwards to be lower than a bottom of the outer cylinder; and

forming a round hole with a predetermined diameter; at the bottom of the recess.

2. An integral formed clutch suction disk of an air compressor of a vehicle air conditioner comprising:

a steel cylinder having a recess through a central axis thereof;

a disk expanding from a bottom of the steel bar as a disk which is out of a lower end of the flattened steel cylinder; an outer side of the disk being folded upwards so as to form an outer cylinder which encloses the steel cylinder;

wherein a bottom of the recess is descended downwards to be lower than a bottom of the outer cylinder; and a round hole with a predetermined diameter is formed at the bottom of the recess.